

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

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PUBLICATION NUMBER : 10287429
PUBLICATION DATE : 27-10-98

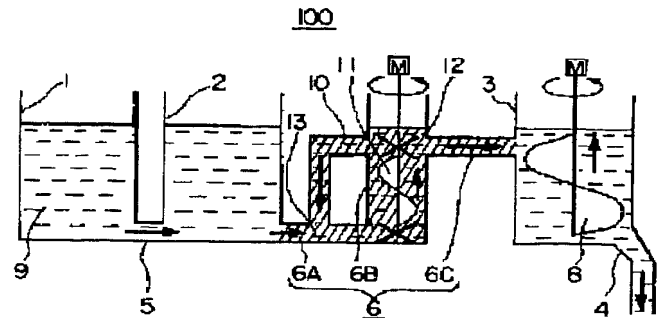
APPLICATION DATE : 11-04-97
APPLICATION NUMBER : 09093881

APPLICANT : OHARA INC;

INVENTOR : AOKI TETSUYA;

INT.CL. : C03B 5/18 C03B 7/092

TITLE : PRODUCTION OF HIGHLY UNIFORM GLASS



ABSTRACT : PROBLEM TO BE SOLVED: To provide a method for producing a highly uniform glass, capable of producing a highly uniform glass having an allowable error of refractive index of 10^{-7} order and reducing the change of refractive index with time of molten glass sent to a mold to be small enough.

SOLUTION: This method for producing a highly uniform glass is implemented by tanks provided with a melting process for melting a raw material glass, a clearing process for cleaning a molten glass, a stirring process for stirring a cleared glass, respectively. The molten glass is transported through transporting flow channels installed between the processes of the melting process, the clearing process and the stirring process. A part of the molten glass sent from the tank 2 of the clearing process to the tank 3 of the stirring process is branched at a branch point in the middle of transporting flow channel. The branched molten glass is returned to the tank 2 of the clearing process and to the transporting flow channel between the tank of the clearing process and the branch point and recycled.

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